

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("20020025268" "20020071779" "20020102173").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 11:27
S8	199	hoshino-tatsuyuki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 13:15
S10	43	nasuda-tsutomu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 13:24
S12	321	"kabushiki kaisha toyota jidoshokki".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 13:26
S13	0	("2002/0102173").URPN.	USPAT	ADJ	ON	2007/06/08 15:39
S14	0	("2002/0071779").URPN.	USPAT	ADJ	ON	2007/06/08 15:40
S15	1	("2002/0025268").URPN.	USPAT	ADJ	ON	2007/06/08 15:40
S16	156	nakane-yoshiyuki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 15:48
S17	273	mori-hidefumi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 15:49
S18	65	S16 and (cool or coolant or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:50

## EAST Search History

S19	1113	418/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:01
S20	739	418/83.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:01
S21	1013	417/372.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:02
S22	217	417/410.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:02
S23	0	("2004/0191100").URPN.	USPAT	ADJ	ON	2007/06/08 16:31
S24	48	S17 and (cool or coolant or cooling) not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:58
S25	199	hoshino-tatsuyuki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:59
S26	40	S25 and (cool or coolant or cooling) not (S18 or S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:03
S27	21	S26 and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 16:59

## EAST Search History

S28	43	nasuda-tsutomu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:04
S29	1	S28 and (cool or coolant or cooling) not (S18 or S24 or S27)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:05
S30	7	yamada-kazuho.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:08
S31	315	S19 and (cool or coolant or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:15
S32	5	S24 and ((heat exchanger) or intercooler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 17:09
S33	1113	418/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:31
S34	315	S33 and (cool or coolant or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:31
S37	116	S34 and (electric motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:35

## EAST Search History

S38	0	"91"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:36
S39	8	"417"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:37
S40	2	"418"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:38
S41	0	"92"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:40
S42	1	"29"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:40
S43	8	"62"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:42
S44	4	"415"/\$.ccls. and ((electric motor) with (water jacket))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 09:42
S45	0	S33 and (intercooler or inter-cooler or inter cooler) not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 10:16

## EAST Search History

S46	0	S33 and (aftercooler or after cooler or after-cooler) not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 10:17
S47	1113	418/55.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:08
S48	315	S47 and (cool or coolant or cooling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:08
S49	8	S47 and cooled not S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:37
S50	48	S47 and water	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 13:46
S51	2731	compressor and (aftercooler or after-cooler or (after cooler))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:37
S52	1	S51 and (face mounted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:48
S53	406	S51 and integrated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 13:49
S54	24	S51 and (single housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:00

## EAST Search History

S55	1492	S51 and (heat exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:01
S56	1003	compressor and ((aftercooler or after cooler or after-cooler) same (heat exchanger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:02
S57	720	S56 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:02
S58	587	compressor and ((aftercooler or after cooler or after-cooler) with (heat exchanger))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:03
S59	383	S58 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:03
S60	86	S59 and (fin or finned)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:22
S61	413	S51 and integral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:22
S62	4393	compressor and (intercooler or inter-cooler or (inter cooler))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:38

## EAST Search History

S63	686	S62 and integral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:38
S64	0	S63 and ((face-mounted) or (face mounted))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:39
S65	392	S63 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:39
S66	92	S65 and (fin or finned)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:39
S67	83	S66 not S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 14:39
S68	110	((intercooler or inter cooler or inter-cooler) with mounted with compressor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 16:40
S69	44	((aftercooler or after cooler or after-cooler) with mounted with compressor) not S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:53
S70	72	compressor with ((water cooled) or (water-cooled)) with chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 16:13

## EAST Search History

S71	0	S68 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:55
S72	0	S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:56
S73	61	compressor and (((water-cooled) or (water cooled))) with (electric motor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:58
S74	0	S68 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:58
S75	0	S69 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 15:58
S76	34	("1891058"   "2241420"   "2357156"   "2423697"   "2703560"   "4069670"   "4075991"   "4170107"   "4269158"   "4295521"   "4474162"   "4476842"   "4548260"   "4562697"   "4598687"   "4660632"   "4688383"   "4823868"   "5383439"   "5441106"   "5547019"   "5797449"   "5871001"   "6073616"   "6158398"   "6158399"   "6230695"   "6311676"   "6318347").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/11 16:09
S77	2	S70 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 16:13



## EAST Search History

S78	61	S68 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 16:40
S79	16	S69 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/11 16:40
S80	140	compressor same (aftercooler or after-cooler or (after cooler)) same (integral or integrated or integrally)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:02
S81	81	S80 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 07:43
S82	1773	compressor same (heat exchanger) same (integral or integrated or integrally)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:03
S83	983	S82 and water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:02
S84	452	compressor with (heat exchanger) with (integral or integrated or integrally)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:03
S85	104	S84 same water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:12

## EAST Search History

S86	739	418/83.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:12
S87	297	S86 and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 08:13
S88	70	("1475683"   "1766005"   "1895816"   "2098652"   "2841089"   "3600114"   "3817664"   "3874827"   "3924977").PN. OR ("3994633").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:29
S89	112	417/410.5.ccls. and (cool or cooled or cooling)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:42
S90	21	S89 and water	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:30
S91	210	417/410.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:31
S92	17	S91 and (heat exchanger)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:56
S93	1	S91 and (aftercooler or after-cooler or (after cooler))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:55
S94	3	S91 and (intercooler or inter-cooler or (inter cooler))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:54
S95	906	417/372.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:33
S96	53	S95 and (heat exchanger)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:48
S97	10	S95 and (aftercooler or after-cooler or (after cooler))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:47
S98	9	S95 and (intercooler or inter-cooler or (inter cooler))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 09:43

## EAST Search History

S99	3	"3211362".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 10:25
S10 0	7	165/168.ccls. and (flat tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 11:58
S10 1	26	165/164.ccls. and (flat tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:10
S10 2	22	165/dig.400.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 13:55
S10 3	67	165/dig.355.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 13:54
S10 4	38	165/dig.401.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 13:59
S10 5	37	165/dig.427.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:31
S10 6	32	165/dig.452.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:08

## EAST Search History

S10 7	1001	165/164.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:12
S10 8	804	165/157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:18
S10 9	82	165/157.ccls. and manifold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:14
S11 0	28	S109 and fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:14
S11 1	25	165/157.ccls. and ((flat or flattened) tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:23
S11 2	400	165/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:23
S11 3	53	165/139.ccls. and fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:24
S11 4	6	165/dig.537.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/12 14:31
S11 5	6	("5511613").URPN.	USPAT	ADJ	ON	2007/06/12 14:40